4/9/1
DIALOG(R)File 351:DERWENT WPI

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WPI Acc No: 94-037501/199405
XRAM Acc No: C94-017150
XRPX Acc No: N94-029142
Article with reflection preventing property - has transparent electroconductive film and film of liq. compsn. contg. organo-polysiloxane
Patent Assignee: TORAY IND INC (TORA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 5341103	A	19931224	JP 92153447	A	19920612	G02B-001/10	199405 B

Priority Applications (No Type Date): JP 92153447 A 19920612
Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 5341103	A		10			

Abstract (Basic): JP 5341103 A

Article of a transparent electroconductive coated film and a coated film (A) are formed on at least a part of a transparent substrate in order. The film (A) is of a liq. compsn. contg. at least 20 wt.% of an organic polysiloxane of formula (1) or (2) and/or its hydrolysed deriv. R1aR2bSi(OR)4-a-b (1); R1, R2 = alkyl, alkenyl, allyl or hydrocarbon gp. with a substitute selected from halogen, epoxy, glycidyl, amino, mercapto, methacryloxy or cyano; R = 1-8C alkyl, alkoxy alkyl or acyl; and a, b = 0 or 1. (R3Q)SiXcY3-c (2); R3 = 1-20C alkyl gp. contg. F and also may contain ether and/or ester bond; Q = divalent organic gp.; X = 1-5C alkyl gp.; Y = halogen, alkoxyl or R4COOO (R4 = H or 1-5C alkyl gp.); and c = 0 or 1.

The electroconductive coated film is a transparent film of a liq. compsn. contg. at least 20 wt.% of oxide of Ti, Al and/or Zr inserted between the electroconductive coated film and the coated film (A).

ADVANTAGE - The article is suitable for larger area display devices and has improved surface hardness, adhesiveness and waterproof property on transparent plastics.

Dwg.0/0

Title Terms: ARTICLE; REFLECT; PREVENT; PROPERTIES; TRANSPARENT; ELECTROCONDUCTING; FILM; FILM; LIQUID; COMPOSITION; CONTAIN; ORGANO; POLYSILOXANE
Derwent Class: A26; A89; L03; P81
International Patent Class (Main): G02B-001/10
File Segment: CPI; EngPI
Manual Codes (CPI/A-N): A04-A; A06-A00E4; A11-B05; A12-L03; L03-G05
Plasdoc Codes (KS): 0028 0069 0072 0075 0078 0138 0141 0144 0149 0152 0155 0165 0167 0168 0170 0171 0207 0210 0224 0231 1282 1288 1292 1303 1304 1305 1306 1971 1990 2319 2432 2437 2511 2513 2551 2592 2595 2609 2622 2680 2718 2726 2835 2851 3251 3252 3255
Polymer Fragment Codes (PF):
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002 017 04- 06- 07& 08& 09& 09- 10& 143 15- 155 157 158 19- 20& 20- 342 431 435 438 44& 475 477 506 509 516 521 523 610 649 725
Polymer Indexing (PS):
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002 017; G2266-R D01 Si 4A G2288 G2277 G2266 D11 D10 D50 D63 D69 F34 F41 F87 F86 F85 O- 6A 7A-R F- 7A; R08655 G2277 G2266 D01 D11 D10 D50 D84 F86 F87; P1445-R F81; H0000

003 017; D01 D11 D10 D22-R F07-R F34 F47 F86 F87; P0464-R; M9999 M2391

004 017; N9999 N7090 N7034 N7023; N9999 N7147 N7034 N7023; N9999 N7158 N7034 N7023; K9483-R; K9574 K9483; K9676-R; K9712 K9676; Q9999 Q7283; B9999 B4400-R B4240; B9999 B3792 B3747; B9999 B4706-R B4568; B9999 B4864 B4853 B4740; B9999 B5301 B5298 B5276; B9999 B3509 B3485 B3372; ND01; Q9999 Q8264-R; S9999 S1376; B9999 B4295 B4240; Q9999 Q7114-R

<02>

001 017; P0862 P0839 F41 F44; S9999 S1285-R; S9999 S1376

002 017; ND01; N9999 N7147 N7034 N7023; N9999 N7158 N7034 N7023; B9999 B3269 B3190; B9999 B4397 B4240; B9999 B4400-R B4240; B9999 B5447 B5414 B5403 B5276; K9847-R K9790; Q9999 Q8264-R; Q9999 Q7283

003 017; R01544 D00 F20 Al 3A O- 6A; R01966 D00 F20 Ti 4B Tr O- 6A; R01521 D00 F20 Zr 4B Tr O- 6A; A999 A748; A999 A771

Derwent Registry Numbers: 1521-U; 1544-U; 1966-U